

Publications

Books, Book chapters, Journals, Conference Proceedings & Reports

Books

1. McComb J, Hardy GESJ (2003) *Phytophthora* in Forests and Natural Ecosystems. In 2nd International IUFRO Working Party 7.02.09 Meeting. Albany, W. Australia, Murdoch University Print Room, Murdoch WA

Chapters in Books and Symposium Proceedings

- 1 Dell B, Hardy GESJ, Vear K (2005) History of *Phytophthora cinnamomi* management in Western Australia In MC Calver, H Bigler-Cole, G Bolton, J Dargavel, A Gaynor, P Horwitz, J Mills, G Wardell-Johnson, Eds, A forest consciousness: Proceedings of the 6th National Conference of the Australian Forest History Society. Millpress Science Publishers, Rotterdam, pp 391-406
- 2 Garkaklis MJ, Calver MC, Wilson BA, Hardy GESJ (2004) Habitat alteration caused by introduced plant disease: a significant threat to the conservation of Australian forest fauna. In D Lunney, Ed, Conservation of Australia's forest fauna Royal Zoological Society of New South Wales, Mosman, New South Wales. , pp 899-913
- 3 Hardy GESJ (2004) Pathology. *Phytophthora* Root Rot in Forest Trees. In Encyclopaedia of Forestry Pathogens., Vol 2. Elsevier Ltd, Oxford UK, pp 758-766
- 4 Hardy GESJ, Burgess T, Dell B (2003) Potential threats of plant pathogens to Eucalyptus plantations in China. In RP Wei, D Xu, Eds, Eucalyptus Plantations Research, Management and Development, Proceedings of the International Symposium. Guangzhou, China, World Scientific Publishing Co., Singapore. pp 358-367
- 5 Hardy G, Sivasithamparam K (2002) Phytosanitary considerations in species recovery programs. In Microorganisms in Plant Conservation and Biodiversity, pp 337-367
- 6 McComb J, Hardy G, Dell B (1996) Eucalyptus. In K Johnson, M Burchett, Eds, Native Australian Plants. Horticulture & Uses. University of New South Wales Press, Sydney, pp 152-181

Publications in Refereed Journals

2011

1. Agostini, C., et al . (2011). Permanent Genetic Resources added to Molecular Ecology Resources Database 1 October 2010-30 November 2010. *Molecular Ecology Resources*.
2. Berkowitz, O., Jost, R., Pearse, S.J., Lambers, H., Finnegan, P.M., **Hardy, G.E.**, and O'Brien, P.A. (2011). An enzymatic fluorescent assay for the quantification of phosphite in a microtiter plate format. *Analytical Biochemistry*. Doi:10.1016/j.ab.2011.01.014

3. Eshraghi L, Anderson J. P., Aryamanesh N, Shearer B, McComb J, **Hardy G E S**, O'Brien P. A. (2011) Phosphite primes defence responses in *Phytophthora cinnamomi*-infected *Arabidopsis thaliana* and enhances expression of defence genes. *Plant Pathology*, **(Accepted)**.
4. Jung T, Stukely MJC, **Hardy GESJ**, White D, Paap T, Dunstan WA, Burgess TI (2011) Multiple new *Phytophthora* species from ITS Clade 6 associated with natural ecosystems in Australia: evolutionary and ecological implications. *Persoonia*, 13-39.
5. Laurance WF, Dell B, Turton SM, Lawes MJ, Hutley LB, McCallum H, Dale P, Bird M, **Hardy G**, Prideaux G, Gawne B, McMahan CR, Yu R, Hero JM, Schwarzkopf L, Krockenberger A, Douglas M, Silvester E, Mahony M, Vella K, Saikia U, Wahren CH, Xu Z, Smith B, Cocklin C (2011) The ten Australian ecosystems most vulnerable to tipping points. *Biological Conservation* (**accepted**).
6. Taylor K, Andjic V, Barber PA, **Hardy GE**, Burgess TI (2011) New species of *Teratosphaeria* associated with leaf diseases on *Corymbia calophylla* (marri). *Mycological Progress* (**in press**).
7. Sakalidis ML, **Hardy GESJ**, Burgess TI (2011) Endophytes as potential pathogens of the baobab species *Adansonia gregorii*: A focus on the Botryosphaeriaceae. *Fungal Ecology* 4, 1-14.
8. Sakalidis ML, Ray JD, Lasnoiselet V, **Hardy GESJ**, Burgess TI Pathogenic Botryosphaeriaceae associated with *Mangifera indica* in the Kimberley Region of Western Australia. *European Journal of Plant Pathology*, **(Accepted November 2010)**.

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9. Andjic V, Barber PA, Carnegie AJ, **Hardy GSJ**, Wingfield MJ, Burgess TI (2010) Phylogenetic reassessment supports accommodation of *Phaelopheospora* and *Colletogloeopsis* from eucalypts in *Kirramyces*. *Mycological Research*, 111, 1184-1198. (**Scopus 20 citations**).
10. Andjic V, Pegg GS, Carnegie AJ, Callister A, **Hardy GES**, Burgess TI (2010) *Teratosphaeria pseudoecalypti*, new cryptic species responsible for leaf blight of Eucalyptus in subtropical and tropical Australia. *Plant Pathology* 59, 900-912.
11. Andjic V, Whyte G, **Hardy G**, Burgess T (2010) New *Teratosphaeria* species occurring on eucalypts in Australia. *Fungal Diversity*, 1-12.
12. Archibald RD, Bradshaw J, Bowen BJ, Close DC, McCaw L, Drake PL, **Hardy GESJ** (2010) Understorey thinning and burning trials are needed in conservation reserves: The case of Tuart (*Eucalyptus gomphocephala* D.C.). *Ecological Management and Restoration* 11, 108-112.
13. Archibald RD, Craig MD, Burgess TI, **Hardy GE** (2010) Bird communities in small native remnants of contrasting understorey condition within bluegum plantations. *Ecological Management and Restoration* 11, 215-217.
14. Cai YF, Barber P, Dell B, O'Brien P, Williams N, Bowen B, **Hardy G** (2010) Soil bacterial functional diversity is associated with the decline of *Eucalyptus gomphocephala*. *Forest Ecology and Management* 260, 1047-1057.

15. Craig MD, Hobbs RJ, Grigg AH, Garkaklis MJ, Grant CD, Fleming PA, **Hardy GESJ** (2010) Do thinning and burning sites revegetated after bauxite mining improve habitat for terrestrial vertebrates? *Restoration Ecology* 18, 300-310.
16. Dakin N, White D, **Hardy GESJ**, Burgess TI (2010) The opportunistic pathogen, *Neofusicoccum australe*, is responsible for crown dieback of peppermint (*Agonis flexuosa*) in Western Australia. *Australasian Plant Pathology* 39, 202-206.
17. Dunstan WA, Rudman T, Shearer BL, Moore NA, Paap T, Calver MC, Dell B, **Hardy GESJ** (2010) Containment and spot eradication of a highly destructive, invasive plant pathogen (*Phytophthora cinnamomi*) in natural ecosystems. *Biological Invasions* 12, 913-925.
18. El-Tarabily KA, **Hardy GESJ**, Sivasithamparam K (2010) Performance of three endophytic actinomycetes in relation to plant growth promotion and biological control of *Pythium aphanidermatum*, a pathogen of cucumber under commercial field production conditions in the United Arab Emirates. *European Journal of Plant Pathology* 128, 527-539.
19. King M, Reeve W, Van Der Hoek MB, Williams N, McComb J, O'Brien PA, **Hardy GESJ** (2010) Defining the phosphite-regulated transcriptome of the plant pathogen *Phytophthora cinnamomi*. *Molecular Genetics and Genomics* 284, 425-435.
20. Rea AJ, Jung T, Burgess TI, Stukely MJC, **Hardy GESJ** (2010) *Phytophthora elongata* sp. nov., a novel pathogen from the *Eucalyptus marginata* forest of Western Australia. *Australasian Plant Pathology* 39, 477-491.
21. Ruthrof KX, Douglas TK, Calver MC, Barber PA, Dell B, **Hardy GESJ** (2010) Restoration treatments improve seedling establishment in a degraded Mediterranean-type Eucalyptus ecosystem. *Australian Journal of Botany* 58, 646-655.

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22. Burgess TI, Webster JL, Ciampini JA, White D, **Hardy GES**, Stukely MJC (2009) Re-evaluation of *Phytophthora* species isolated during 30 years of vegetation health surveys in Western Australia using molecular techniques. *Plant Disease* 93, 215-223. (**Scopus 7 citations**).
23. Craig MD, Grigg AH, Garkaklis MJ, Hobbs RJ, Grant CD, Fleming PA, **Hardy GESJ** (2009) Does habitat structure influence capture probabilities? A study of reptiles in a eucalypt forest. *Wildlife Research* 36, 509-515.
24. El-Tarabily KA, Nassar AH, **Hardy GE**, Sivasithamparam K (2009) Erratum: Plant growth promotion and biological control of *Pythium aphanidermatum*, a pathogen of cucumber, by endophytic actinomycetes (Journal of Applied Microbiology (2009) 106 (13-26)). *Journal of Applied Microbiology* 107, 1765-1766.
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26. McCarren KL, McComb JA, Shearer BL, **Hardy GESJ** (2009) Erratum: In vitro influence of phosphite on chlamydospore production and viability of *Phytophthora cinnamomi* (Forest

Pathology (2009) 39 (210-216) DOI: 10.1111/j.1439-0329.2008.00576.x). *Forest Pathology* 39, 428.

27. McCarren KL, McComb JA, Shearer BL, **Hardy GESJ** (2009) In vitro influence of phosphite on chlamydospore production and viability of *Phytophthora cinnamomi*. *Forest Pathology* 39, 210-216.
28. McCarren KL, McComb JA, Shearer BL, **Hardy GESJ** (2009) Phosphite impact on the in vitro production and viability of selfed oospores by *Phytophthora cinnamomi*. *Forest Pathology* 39, 124-132.
29. O'Brien PA, Williams N, **Hardy GESJ** (2009) Detecting *Phytophthora*. *Critical Reviews in Microbiology* 35, 169-181.
30. O'Gara E, Howard K, Colquhoun IJ, Dell B, McComb J, **Hardy G** (2009) The development and characteristics of periderm and rhytidome in *Eucalyptus marginata*. *Australian Journal of Botany* 57, 221-228.
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34. Wong MH, McComb J, **Hardy GESJ**, Brien PAO (2009) Phosphite induces expression of a putative proteophosphoglycan gene in *Phytophthora cinnamomi*. *Australasian Plant Pathology* 38, 235-241.

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35. Davis C, Fleming P, Craig M, Grigg A, **Hardy G** (2008) A funnel trap for capture of small arboreal reptiles. *Amphibia Reptilia* 29, 413-423.
36. Dell B, **Hardy G**, Burgess T (2008) Health and nutrition of plantation eucalypts in Asia. *Southern Forests* 70, 131-138.
37. Dobrowolski MP, Shearer BL, Colquhoun IJ, O'Brien PA, **Hardy GESJ** (2008) Selection for decreased sensitivity to phosphite in *Phytophthora cinnamomi* with prolonged use of fungicide. *Plant Pathology* 57, 928-936.
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43. Stukely MJC, Webster JL, Ciampini JA, Kerp NL, Colquhoun IJ, Dunstan WA, Hardy GESJ (2007) A new homothallic *Phytophthora* from the jarrah forest in Western Australia. *Australasian Plant Disease Notes* 2 (1): 49-51
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49. Burgess TI, Andjic V, Wingfield MJ, Hardy GES (2007) The eucalypt leaf blight pathogen *Kirramyces destructans* discovered in Australia. *Australasian Plant Disease Notes* 2 (1): 141-144
50. Bayliss KL, Foster C, Dell B, Hardy GESJ (2007) *Pycnoporus cinnabarinus* is pathogenic on living Paulownia trees. *Australasian Plant Pathology* 36 (1): 53-55
51. Andjic V, Hardy GES, Cortinas MN, Wingfield MJ, Burgess TI (2007) Multiple gene genealogies reveal important relationships between species of *Phaeophleospora* infecting Eucalyptus leaves. *FEMS Microbiology Letters* 268 (1): 22-33
52. Andjic V, Barber PA, Carnegie AJ, Pegg GS, Hardy GESJ, Wingfield MJ, Burgess TI (2007) *Kirramyces viscidus* sp. Nov., a new eucalypt pathogen from tropical Australia

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58. Taylor A, Hardy GESJ, Wood P, Burgess T (2005) Identification and pathogenicity of *Botryosphaeria* species associated with grapevine decline in Western Australia. Australasian Plant Pathology 34 (3): 187-195
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63. McCarren KL, McComb JA, Shearer BL, Hardy GESJ (2005) The role of chlamydospores of *Phytophthora cinnamomi* – a review. Australasian Plant Pathology 34 (3): 333-338
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75. Jackson SL, Maxwell A, Neumeister-Kemp HG, Dell B, Hardy GES (2004) Infection, hyperparasitism and conidiogenesis of *Mycosphaerella lateralis* on *Eucalyptus globulus* in Western Australia. *Australasian Plant Pathology* 33 (1): 49-53
76. El-Tarabily KA, Abouzeid MA, Hardy G, Sivasithamparam K (2004) *Pythium sulcatum* and *P. ultimum* as causal agents of cavity spot disease of carrots in Egypt. *Canadian Journal of Plant Science* 84 (2): 607-614
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78. Driessen SA, O'Brien PA, Hardy GES (2004) Diversity of *Puccinia boroniae* assessed by teliospore morphology and restriction fragment patterns of ribosomal DNA. *Australasian Plant Pathology* 33 (1): 77-82
79. Driessen SA, O'Brien PA, Hardy GES (2004) First record of the mycoparasite *Sphaerellopsis filum* on *Puccinia boroniae* in Australia. *Australasian Plant Pathology* 33 (3): 463-464
80. Cheong CD, Neumeister-Kemp HG, Dingle PW, Hardy GS (2004) Intervention study of airborne fungal spora in homes with portable HEPA filtration units. *Journal of Environmental Monitoring* 6 (11): 866-873

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87. Barrett SR, Shearer BL, Hardy GES (2003) The efficacy of phosphite applied after inoculation on the colonisation of *Banksia* *olaris* stems by *Phytophthora cinnamomi*. Australasian Plant Pathology 32 (1): 1-7

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